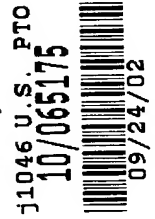


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 18198
Application ID: 10065175
Title of Invention: Automotive Washer System
Utilizing A Freezable Washer
Liquid And A Freeze-Resistant
Washer Liquid
First Named Inventor: Ellen Lee
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-24
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 202-0015
Digital Certificate Holder: cn=Gigette M. Bejin, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: gd6VJPV2Yt5XjDNsFWcF8Q==
Total Fees Authorized: \$820.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Angela Y. Singleton



TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:202-
0015Submission Type: Utility Patent
Filing

Automotive Washer System Utilizing A Freezable Washer Liquid And A Freeze- Resistant Washer Liquid

First Named Inventor: Ellen Cheng-chi Lee

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Angela Yvonne Singleton Electronic
Application Specialist

Electronic Signature Mark: /ays

Date Signed: 20020924

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

declaration1.tif

declaration

declaration2.tif

declaration
declaration
declaration
declaration
declaration
us-information-disclosure-statement
patent-assignments
bibd-transmittal
fee-transmittal
specification

declaration3.tif
consent.tif
ids_1.tif
ids_2.tif
ids_3.tif
202-0015ids.xml
202-0015asgn.xml
202-0015apds.xml
202-0015fee.xml
Specification.xml

Attached Image File(s):

declaration1.tif
declaration2.tif
declaration3.tif
consent.tif
ids_1.tif
ids_2.tif
ids_3.tif

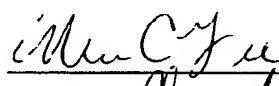

Comments:

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION	Attorney's Docket No. 202-0015																	
<p>As a below named inventor, I hereby declare: My residence, post office address and citizenship are as stated below next to my name;</p> <p>I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled</p> <p>AUTOMOTIVE WASHER SYSTEM UTILIZING A FREEZABLE WASHER LIQUID AND A FREEZE-RESISTANT WASH</p> <p>the specification of which is attached hereto.</p> <p>I have reviewed and understand the contents of the specification identified above, including the claims.</p> <p>I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,</p> <p style="margin-left: 40px;"> <input type="checkbox"/> no such applications have been filed, or <input checked="" type="checkbox"/> such applications have been filed as follows: <input type="checkbox"/> I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed </p>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">COUNTRY</th> <th style="width: 15%;">APPLICATION NO.</th> <th style="width: 15%;">DATE OF FILING (month, day, year)</th> <th style="width: 15%;">DATE OF ISSUE (month, day, year)</th> <th style="width: 15%;">PRIORITY CLAIMED UNDER 35 USC 119</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>US</td> <td>09/947,051</td> <td>9/5/01</td> <td></td> <td>YES</td> <td rowspan="2" style="vertical-align: top; padding: 2px;"> <input type="checkbox"/> Add provision applicati numbers on a sup priority c PTO/SB attached </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119		US	09/947,051	9/5/01		YES	<input type="checkbox"/> Add provision applicati numbers on a sup priority c PTO/SB attached					
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US	09/947,051	9/5/01		YES	<input type="checkbox"/> Add provision applicati numbers on a sup priority c PTO/SB attached													
<p>I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which is available between the filing date of the prior application and the national or PCT International filing date of this application</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">(Application Number)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Filing Date)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Status - patented, pending, abandoned)</td> </tr> <tr> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> </tr> </table> <p>POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28549, Robert P. Renke - my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States and Trademark Office and all foreign Patent Offices.</p>						(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)										
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)																

Address all correspondence and telephone calls to:

Robert P. Renke
Artz & Artz PLC
28333 Telegraph Road, Suite 250
Southfield, MI 48034 Phone: 248 223-9500


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE
Ellen Cheng-chi Lee 1540 Meadowside Drive Ann Arbor, MI 48104 US	Ann Arbor, MI 48104 US	U.S.A	
Kevin Richard John Ellwood 1499 Maywood Avenue Ann Arbor, MI 48103 US	Ann Arbor, MI 48103 US	U.S.A	
Scott Alan Wojan 43358 Ashbury Drive Novi MI 48375 US	Novi MI 48375 US	U.S.A	

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 Southfield, MI 48034 Phone: 248 223-9500

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Ellen Cheng-chi Lee 1540 Meadowside Drive Ann Arbor, MI 48104 US	Ann Arbor, MI 48104 US	U.S.A		D
Kevin Richard John Ellwood 1499 Maywood Avenue Ann Arbor, MI 48103 US	Ann Arbor, MI 48103 US	U.S.A		-
Scott Alan Wojan 43358 Ashbury Drive Novi MI 48375 US	Novi MI 48375 US	U.S.A		1- A 2

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. 202-0015

Date: August 26, 2002

Sept 23

Sir:

Inventor(s):

Ellen Lee

Scott Wojan

Kevin Ellwood

For: **AUTOMOTIVE WASHER SYSTEM UTILIZING A FREEZABLE WASHER LIQUID AND A FREEZE-RESISTANT WASHER LIQUID**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Gigette M. Bejin

Attorney or Agent of Record

Registration No. 44,027

Ford Global Technologies, Inc.

One Parklane Blvd.,

600 Parklane Towers East

Dearborn, MI 48126

Telephone: (313) 337-2966

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ellen Lee, et al

Serial No: Unassigned

Filed: Herewith

For: AUTOMOTIVE WASHER SYSTEM UTILIZING A FREEZABLE
WASHER LIQUID AND A FREEZE-RESISTANT WASHER
LIQUID

Attorney Docket No: 202-0015 (FGT 1645 PA)

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail" under Label No. EL US in an envelope addressed to: Assistant Commissioner for Patents, Box Patent Applications, Washington, D.C. 20231 on:

Date of Deposit

Signature

DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. § 1.56, the art listed and identified on the attached PTO Form is being submitted herewith for consideration by the Examiner. A copy of each of the listed references is included herewith.

It is Applicants' opinion that the claims presently on file patentably distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same

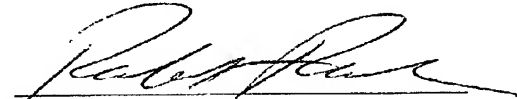
-2- 202-0015 (FGT 1645 PA)

obvious, either singly or in combination, to a person of ordinary skill in the art.

No fee is believed to be due because this statement and enclosures are being filed with the initial patent application. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 06-1510, in the name of Ford Global Technologies, Inc.

Respectfully submitted,

ARTZ & ARTZ, P.C.



Robert P. Renke
Registration No. 40,783
28333 Telegraph Road, Suite 250
Southfield, MI 48034
(248) 223-9500

Attorney for Applicant

Date: July 1, 2002

$$= \frac{1}{\sqrt{\pi}} \left(\int_0^x \frac{e^{-t^2}}{t} dt + \int_x^\infty \frac{e^{-t^2}}{t} dt \right) = \frac{1}{\sqrt{\pi}} \left(-\frac{1}{2} \ln t^2 + \text{const} + \frac{1}{2} \ln t^2 + \text{const} \right)$$

U.S. Patent and Trademark Office · U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

Complete If Known

Application Number	APPLIED FOR
Filing Date	HEREWITH
First Named Inventor	ELLEN LEE, ET AL
Group Art Unit	
Examiner Name	
Attorney Docket Number	202-0015 (FGT 1645 PA)

Sheet	1	of	1
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[illegible][illegible]

Date	
Considered	

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 820

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Angela Y. Singleton

Electronic Signature Mark: /ays

Date Signed: 20020924

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80